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Bike Share Program in Worcester

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Project Goals

- Learn how to create a bike share system
- Analyze whether Worcester is a good candidate for a bike share system
- Create criteria Worcester must meet
- Create a system for Worcester for when it does meet the criteria

PROBLEM

Cars are currently the main form of transportation in Worcester, Massachusetts

WHY?

Not Friendly for the Environment

Not Economical

Not Healthy for the Local Residents

Criteria for Bike Share Program

- Safe places to ride
- Network of potential supporters and sponsors
 - Bike education programs
 - Funding
- Rider interest
 - Young people
- Tourist activities and destinations
- Downtown destinations

Cost of Station With 9-10 Bikes

Initial Purchase, Launch, and First Year Operations	Operation Per Year
\$75,000-\$100,000	\$24,000-\$31,000

Phil Goff via email correspondence



Usage and Membership Fees

24-Hours	\$7
3-Days	\$15
Monthly Membership	\$25
Annual Membership	\$85

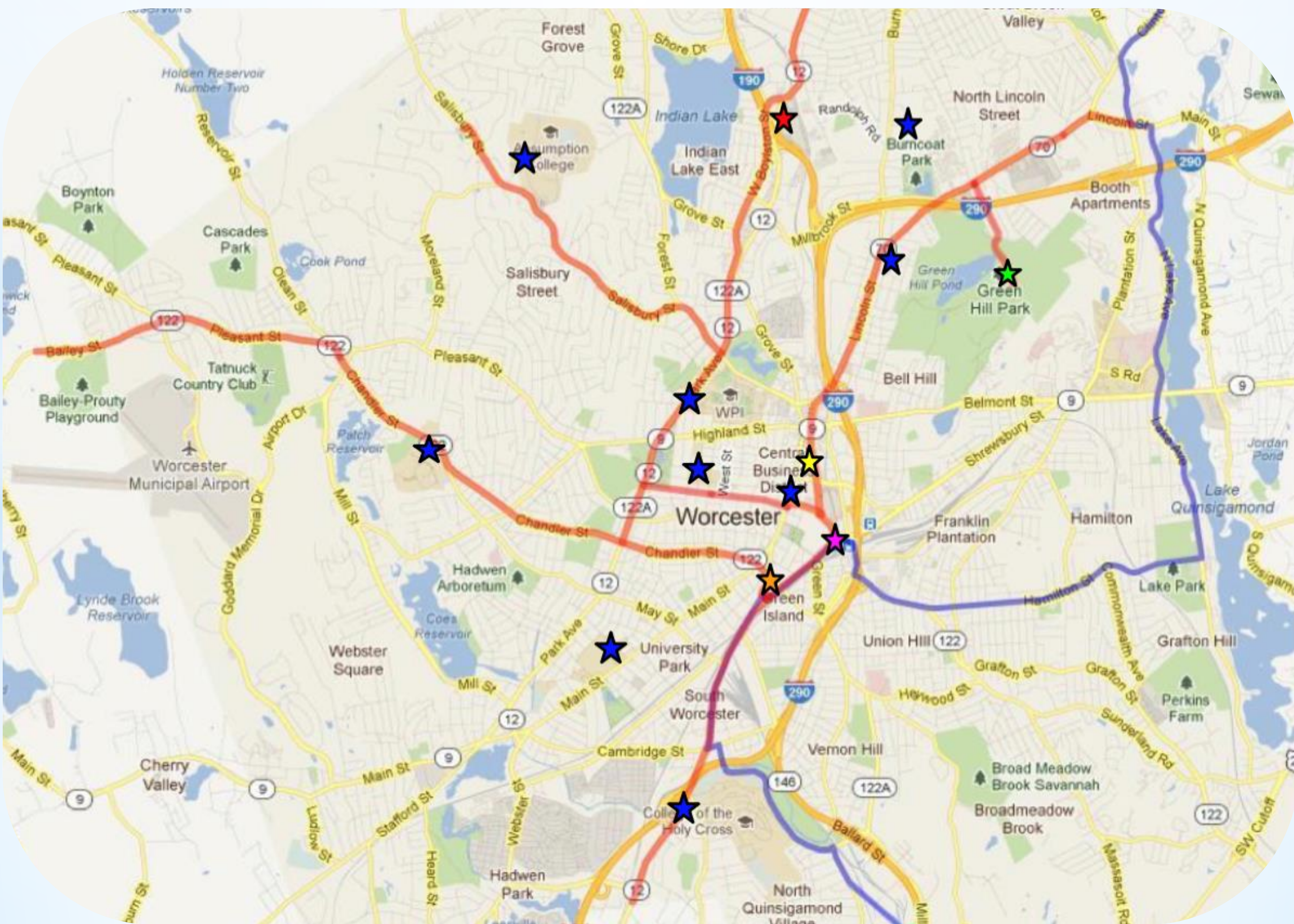
Proposed Bike Lanes and Bike Share System Locations

SOLUTION

- Make a bike share system in Worcester that is accessible to college students and residents
- Assess the conditions that are needed for the system to be successful

OUTCOMES

- Reduces the amount of carbon emitted
- Convenient and feasible means of exercise
- Less expensive than driving



★	★	★	★	★	★
Greendale Mall	Public Library	DCU Center	Green Hill Park	College Campuses	Union Station

East Coast Greenway Bike Paths	Ideal Bike Paths

References

- Capizzio, R., Hunter, F., Martin, D., & Miller, L. (2012, March 2). A Bikeway Network for the City of Worcester. Retrieved November 23, 2014, from <http://www.wpi.edu/Pubs/E-project/Available/E-project-031212-075939/unrestricted/IQP-WorcBike.pdf>
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